

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030010408"	US-PGPUB; USPAT	OR	ON	2007/07/24 14:15
L2	1	"20030010406"	US-PGPUB; USPAT	OR	ON	2007/07/24 14:15
S1	0	"2003010406"	US-PGPUB; USPAT	OR	ON	2007/07/03 16:38
S2	0	2003/010406	US-PGPUB; USPAT	OR	ON	2007/07/03 16:38
S3	0	("2003010406").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 16:39
S4	12691	kinoshita	US-PGPUB; USPAT	OR	ON	2007/07/03 16:39
S5	3697	kinoshita.in.	US-PGPUB; USPAT	OR	ON	2007/07/03 16:39
S6	249	kinoshita.in. AND "2003".py.	US-PGPUB; USPAT	OR	ON	2007/07/03 16:40
S7	0	kinoshita.in. AND "2003".py. AND "16".pd.	US-PGPUB; USPAT	OR	ON	2007/07/03 16:40
S8	249	kinoshita.in. AND "2003".py.	US-PGPUB; USPAT	OR	ON	2007/07/03 16:41
S9	34	kinoshita.in. AND "2003".py. AND pin	US-PGPUB; USPAT	OR	ON	2007/07/03 16:42
S10	0	("2003013256").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/03 16:42
S11	1	"2003013256"	JPO	OR	ON	2007/07/03 16:44
S12	0	"2004508501"	JPO	OR	ON	2007/07/03 16:47
S13	86	(29/888.042).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/03 16:48
S14	55	S13 AND surface	US-PGPUB; USPAT	OR	ON	2007/07/03 16:51
S15	38	S13 AND pin	US-PGPUB; USPAT	OR	ON	2007/07/03 16:52
S16	67	33/605.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/03 16:55
S17	27	29/888.05	US-PGPUB; USPAT	OR	ON	2007/07/03 16:55
S18	67	33/605.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/10 11:15
S19	0	123/41.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/10 11:16
S20	759	123/41.34-41.39.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/10 11:16

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S21	93	123/41.34-41.39.ccls. AND pin.ab, clm.	US-PGPUB; USPAT	OR	ON	2007/07/10 11:17
S22	67	123/41.34-41.39.ccls. AND (pin AND surface).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/10 11:20
S23	759	123/41.34-41.39.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/10 12:44
S24	307	123/90.51.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/10 12:44
S25	22	123/90.51.ccls. AND pin	US-PGPUB; USPAT	OR	ON	2007/07/10 12:44
S26	54	123/90.51.ccls. AND piston	US-PGPUB; USPAT	OR	ON	2007/07/10 12:58
S27	81	29/451.ccls. AND piston	US-PGPUB; USPAT	OR	ON	2007/07/10 13:04
S28	14	72/40.ccls. AND piston	US-PGPUB; USPAT	OR	ON	2007/07/10 13:05
S29	7	29/41.ccls. AND piston	US-PGPUB; USPAT	OR	ON	2007/07/10 13:06
S30	50	29/41-49.ccls. AND piston	US-PGPUB; USPAT	OR	ON	2007/07/10 13:07
S31	0	29/41-49.ccls. AND piston AND blast\$	US-PGPUB; USPAT	OR	ON	2007/07/10 13:07
S32	638	(piston AND blast\$).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/10 13:07
S33	18	(piston AND blast\$ AND sand).ab, clm.	US-PGPUB; USPAT	OR	ON	2007/07/10 13:08
S34	20	("1441468"   "3077659"   "3405610").PN. OR ("3935797"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:40
S35	6	"4189932"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:46
S36	280	gudgeon AND pin AND boss\$ AND piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:47
S37	4	gudgeon AND pin AND boss\$ AND piston AND blast\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:48
S38	0	gudgeon AND pin AND boss\$ AND piston AND shot near2 peening	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:49
S39	0	gudgeon AND pin AND boss\$ AND piston AND (shot near2 peening)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:49

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S40	9	pin AND boss\$ AND piston AND (shot near2 peening)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:49
S41	11	("1618600"   "2276040"   "2848077"   "3479929"   "3702092"   "4544299").PN. OR ("4880330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 13:58
S42	16	"piston pin surface"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:01
S43	3	"piston pin bore surface"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:05
S44	7	("2845917").PN. OR ("4124010").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:02
S45	1	"piston pin boss surface"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:04
S46	1	"piston pin hole surface"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:04
S47	0	("2006/0278194").URPN.	USPAT	OR	ON	2007/07/10 14:05
S48	1	"piston pin" AND "bore surface" AND peening	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:07
S49	0	"pin bore surface" AND peening	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:07
S50	27	"pin bore surface"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:08
S51	2	"pin bore surface" AND blast\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:09
S52	552	"427".clas. AND piston AND pin	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:09
S53	540	"427".clas. AND piston AND pin AND surface	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:11
S54	0	123/18.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:11
S55	316	123/18R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:12

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S56	0	123/18R.ccls. AND peening	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:12
S57	0	123/18R.ccls. AND peen\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:12
S58	1	123/18R.ccls. AND sand	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:13
S59	347	piston AND surface AND shot AND peen\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:15
S60	225	piston AND components AND surface AND shot AND peen\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:15
S61	4	("2373871").URPN.	USPAT	OR	ON	2007/07/10 14:21
S62	31	("1481936"   "1964671"   "2373871"   "2387872"   "2434880"   "3063763"   "3574658").PN. OR ("4258084").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:35
S63	13771	peen\$ AND surface	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:38
S64	14	"5370093"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:41
S65	5	"2,661,643"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/10 14:41
S66	367	connect\$ AND rod AND piston AND peen\$	US-PGPUB; USPAT	OR	ON	2007/07/11 09:01
S67	188	(connect\$ AND rod AND piston AND harden\$).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:02
S68	5	(connect\$ AND rod AND piston AND cold AND harden\$).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:07
S69	7	(connect\$ AND rod AND piston AND peen\$).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:04
S70	3	"6961997"	US-PGPUB; USPAT	OR	ON	2007/07/11 09:10
S71	4	"6655026"	US-PGPUB; USPAT	OR	ON	2007/07/11 09:10